

Appl. No.: 09/658,712
Amdt. Dated May 31, 2006
Reply to Office action of April 14, 2006

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Claim 4 (cancelled).

Claim 5 (previously presented). The printing machine according to claim 10, wherein the nonmetallic material is selected from the group of materials consisting of hard rubber and hard plastic material.

Claim 6 (previously presented). The printing machine according to claim 10, wherein the surface structure is made up of a multiplicity of dimples formed in the circumferential surface.

Claims 7-8 (cancelled).

Claim 9 (previously presented). The printing machine according to claim 6, wherein the nonmetallic material is selected from the group of materials consisting of soft rubber and soft plastic material.

Claim 10 (currently amended). A printing machine comprising at least one roller with a circumferential surface provided with a surface structure and formed of a nonmetallic material, said circumferential surface carrying a liquid, and said roller being selected from the group of rollers consisting of a slip roller and a ductor roller, said surface structure

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being irregularly structured, said surface structure being formed of slats, and an arithmetical average height of the surface structure, determined by the slats, being at least 12 microns.

Claim 11 (previously presented). The printing machine according to claim 10, wherein said circumferential surface carries a viscid liquid.

Claim 12 (previously presented). The printing machine according to claim 10, wherein said circumferential surface carries an offset printing ink.

Claim 13 (previously presented). The printing machine according to claim 10, wherein said circumferential surface carries a printing-ink emulsion.

Claim 14 (previously presented). The printing machine according to claim 10, wherein said circumferential surface carries a dampening-solution emulsion.

Claims 15-16 (cancelled).

Claim 17 (previously presented). A rotatable body for printing machines, the rotatable body comprising:

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a circumferential surface being formed of a nonmetallic material and having a surface structure selected from one of the group consisting of:

a multiplicity of dimples formed in the circumferential surface; and

slats providing the surface structure with an arithmetical average height of at least 12 microns; and

said circumferential surface carrying a liquid and being a roller selected from the group of rollers consisting of a slip roller and a doctor roller.

Claim 18 (previously presented). The rotatable body according to claim 17, wherein the nonmetallic material is a material selected from the group consisting of soft rubber, soft plastic material, hard rubber, and hard plastic material.

Claim 19 (previously presented). The rotatable body according to claim 17, wherein the circumferential surface carries a material selected from the group consisting of a viscid liquid, an offset printing ink, a printing-ink emulsion, and a dampening-solution emulsion.

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Claim 20 (previously presented). A printing machine comprising at least one roller with a circumferential surface provided with a surface structure and formed of a nonmetallic material, said circumferential surface carrying a liquid, said roller being selected from the group of rollers consisting of a slip roller and a ductor roller, and the surface structure being one of the group consisting of:

a multiplicity of dimples formed in the circumferential surface; and

slats providing the surface structure with an arithmetical average height of at least 12 microns.

Claim 21 (previously presented). The printing machine according to claim 20, wherein the nonmetallic material is a material selected from the group consisting of soft rubber, soft plastic material, hard rubber, and hard plastic material.

Claim 22 (previously presented). The printing machine according to claim 20, wherein said circumferential surface carries a material selected from the group consisting of a viscid liquid, an offset printing ink, a printing-ink emulsion, and a dampening-solution emulsion.